PHILIP MORRIS USA

RESEARCH AND DEVELOPMENT DEPARTMENT

FINLAND TEST #133

MR4-06ED

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Marlboro long size cigarettes from Finland (Hyryla) were received at R & D and submitted for analyses on March 16, 1976.

The Marlboro long size cigarettes were not different from the previous average in any of the parameters tested.

	MARLBORO LONG SIZE 20'S (SOFT PACK)	
	Current	Prev. Avg.
Smoke		
Butt Length, mm	25	25
FTC Tar, mg/cigt.	18.3	17.5
TPM, mg/cigt.	21.6	22.2
Nicotine, mg/cigt.	1.02	1.09
Water, mg/cigt.	2.3	3.6
Puffs/cigt.	9.5	8.6
Filtration Eff., %	47	45
Cigarette		
Total RTD, in. of H_2O	5.1	4.7
mm of H_2O	130	119
Static Burn. Time, min.	7.6	7.8
Length, mm	79.6	79.5
Circumference, mm	25.0	25.0
Diameter, mm	8.0	8.0
Paper		
Porosity, sec.	18	18
Filter		
RTD, in. of H_2O	3.2	2.9
mm of H_2O	81	74
Length, mm	18.1	18.0
Weight, g	0.14	0.13
Tipping paper length, mm	22	22
Filler		
Total alkaloids, %	1.46	1.51
Total reducing sugars, %	7.6	8.6
Wt. of tob., 1,000 cigts., g	837	809
1,000 cigts., lbs.	1.8430	1.7809
Rod Density, g/cc	0.274	0.264
[1]C.V., cc/10 g	30	30
C.V., cc/10 g (Corrected to 12% O.V.)	36	36
[1]Oven Volatiles, %	14.0	14.1

[1]Equilibrated at 75°F and 60% R.H. for 48 hrs.

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